

AMENDMENTS TO THE CLAIMS

1-12. (Canceled)

13. (Previously presented) An ultraviolet water disinfection system comprising:

- a. a plurality of ultraviolet lights with each ultraviolet light having a sheath that is transparent to ultraviolet radiation;
- b. a scraping ring surrounding each sheath for moving back and forth along the sheath and cleaning the sheath;
- c. a support structure for supporting a plurality of the scraping rings;
- d. a drive for driving the support structure and each of the scraping rings along the sheath such that the scraping rings clean the sheath;
- e. the support structure including a series of bearing rings; and
- f. wherein each scraping ring is mounted within a respective bearing ring.

14. **(Currently amended)** The ultraviolet water disinfection system of claim 13 wherein the each scraping ring[[s]] includes a slot extending therethrough separating a first end of the scraping ring from a second end of the scraping ring; the slots allowing ~~that allow~~ the geometry of the scraping rings to be varied.

15. **(Currently amended)** The ultraviolet water disinfection system of claim 13 wherein the each scraping ring[[s]] includes an outer peripheral groove that receives one of the bearing rings of the support structure.

16. (Previously presented) The ultraviolet water disinfection system of claim 13 wherein each scraping ring cooperates with an elastomember which tends to clamp the ring onto the sheath.

17. (Previously presented) The ultraviolet water disinfection system of claim 16 wherein the elastomember includes an annular spring.
18. (**Currently amended**) The ultraviolet water disinfection system of claim 16 wherein each scraping ring cooperates with an ~~wherein the elastomember that~~ is at least partially housed in the peripheral groove of the scraping ring.
19. (Previously presented) The ultraviolet water disinfection system of claim 16 wherein the elastomember forms a part of the scraping ring.
20. (**Currently amended**) The ultraviolet water disinfection system of claim ~~[[16]]~~ 15 wherein the peripheral groove includes a width extending between first and second sides and is dimensioned such that there is a clearance between the bearing ring and the first and second sides of the groove ~~and/or the bearing ring are dimensioned such that there is a clearance between the bearing ring and the peripheral groove of the~~ scraping ring.
21. (Previously presented) The ultraviolet water disinfection system of claim ~~[[16]]~~ 15 wherein the peripheral groove includes a depth and is dimensioned such that there is an annular clearance underneath the bearing ring when the bearing ring is inserted into the groove.
22. (**Currently amended**) The ultraviolet water disinfection system of claim 13 wherein the support structure includes a pair of arms ~~between~~ from which ~~extend~~ a plurality of the bearing rings extend.

23. (Previously presented) An ultraviolet water disinfection system comprising:
- a. at least one ultraviolet light having a sheath that is transparent to ultraviolet radiation;
 - b. a scraping ring surrounding the sheath and adapted to move back and forth along the sheath to clean the sheath;
 - c. a drive for moving the scraping ring back and forth along the sheath of the ultraviolet light;
 - d. a one piece support structure for supporting the scraping ring and interconnecting with the drive; and
 - e. wherein the one piece support structure includes at least one bearing ring surrounding and holding the scraping ring and an arm interconnecting the bearing ring with the drive.

24. **(Currently amended)** The ultraviolet water disinfection system of claim 23 wherein the scraping ring includes a slot extending therethrough separating a first end of the scraping ring from a second end of the scraping ring; the slot permitting that ~~permits~~ the geometry of the scraping ring to be varied.

25. (Previously presented) The ultraviolet water disinfection system of claim 23 wherein the one piece support structure includes a plurality of bearing rings and a pair of arms that connect the bearing rings with the drive.

26. (Previously presented) The ultraviolet water disinfection system of claim 23 wherein the scraping ring includes an external groove for receiving the bearing ring of the support structure.

27. (Previously presented) The ultraviolet water disinfection system of claim 23 wherein there is provided an elastomember which tends to clamp the scraping ring onto the sheath.

28. (Previously presented) The ultraviolet water disinfection system of claim 27 wherein the elastomember forms a part of the scraping ring.

29. (Previously presented) The ultraviolet water disinfection system of claim 27 wherein the elastomember comprises an annular spring.

30. (**Currently amended**) A method of supporting and driving one or more scraping rings around one or more sheaths of ultraviolet lights that form a part of an ultraviolet water disinfection system, comprising:

- a. supporting one or more scraping rings in a support structure having one or more bearing rings that form a part thereof;
- b. securing each ~~supporting~~ scraping ring within a respective bearing ring of the support structure; and
- c. interconnecting the support structure with a drive such that the actuation of the drive causes the support structure to move back and forth and causes the scraping rings supported therein to move back and forth and scrape clean the one or more sheaths.

31. (Previously presented) The method of claim 30 including providing a slot in the scraping ring and varying the geometry of the scraping ring.

32. (**Currently amended**) The method of claim 30 wherein securing each scraping ring within a respective bearing ring includes including inserting the bearing ring into a peripheral groove formed in the scraping ring.

33. (Previously presented) The method of claim 30 including incorporating an elastomember into the scraping ring.